

What is claimed is:

1. A method of manufacturing a ceramic coating material, comprising:  
stirring a material including a complex oxide in the presence of a catalyst  
5 containing platinum group elements.

2. The method of manufacturing a ceramic coating material as defined in claim 1,  
wherein the material is a sol-gel material which includes at least one of a  
hydrolysate and a polycondensate of the complex oxide.

10 3. The method of manufacturing a ceramic coating material as defined in claim 1,  
wherein the material includes a paraelectric material having a catalytic effect on  
the complex oxide, in addition to the complex oxide.

15 4. The method of manufacturing a ceramic coating material as defined in claim 1,  
wherein the paraelectric material is an oxide which includes silicon (Si) or  
germanium (Ge) or an oxide which includes Si and Ge.

20 5. A ceramic coating material manufactured by the method of manufacturing a  
ceramic coating material as defined in claim 1.

6. A ceramic coating material manufactured by the method of manufacturing a  
ceramic coating material as defined in claim 2.

25 7. A ceramic coating material manufactured by the method of manufacturing a  
ceramic coating material as defined in claim 3.

8. A ceramic coating material manufactured by the method of manufacturing a ceramic coating material as defined in claim 4.